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(54) SOLID DENTAL FOAMING COMPOSITION

(57)Abstract:

PURPOSE: To obtain the subject foaming composition having an excellent cooling effect without giving a bitter taste to the tongue or causing a bur in the throat by using a specified ratio of a foaming agent capable of generating CO₂ when dissolved in the mouth, an endothermic substance and 1-menthol included in or adsorbed on a degraded starch in combination.

CONSTITUTION: This solid dental foaming composition is composed of 0.5 to 40wt.% foaming agent capable of foaming CO₂ when dissolved in the mouth, 50 to 98wt.% adsorbent capable of allowing in endothermic reaction to take place when dissolved in the mouth and 1-menthol included in or adsorbed on a degraded starch in which the amount of 1-menthol is 0.02 to 20wt.% based on the composition, capable of acting on the coating of tongue and the periglottis and giving a cool feeling to the inside of the mouth and useful in the fields of quasidrug, cosmetic, food, etc. As the foaming agent, e.g. a combination of a carbonate (e.g. potassium bicarbonate) and an organic acid (e.g. malic acid) is preferably used. As the endothermic substance, e.g. a crystalline xylylate is preferably used. As the 1-menthol component, a natural essential oil such as peppermint oil included in or adsorbed on a degraded starch such as porous dextrin is used.

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